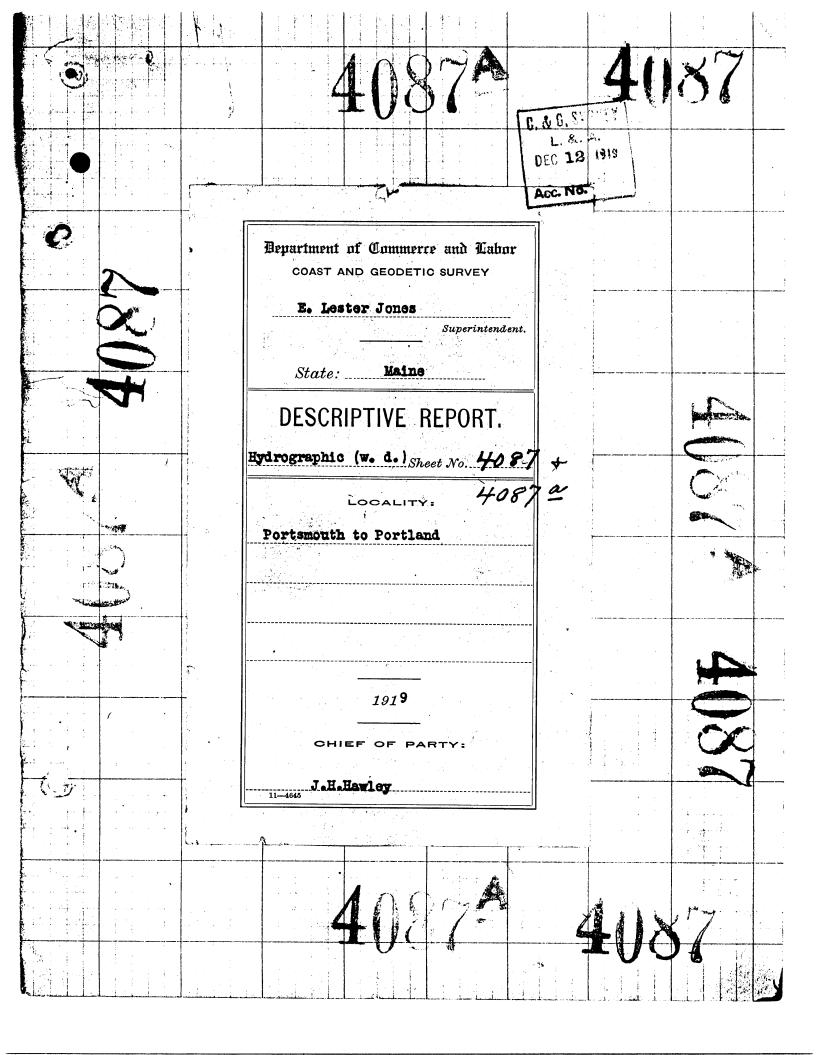
4087 4087a

0001

Form 504
U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE
DESCRIPTIVE REPORT
Type of Survey Lydrographic Field No. Office No. 4087 & A
Field No. Office No. 4087 & A.
LOCALITY
State Maine
General locality Portsmouth to
Locality Portland
. CHIEF OF PARTY
J. H. Hawley
LIBRARY & ARCHIVES
DATE

B-1870-1 (1)+-



DESCRIPTIVE REPORT

To accompany hydrographic sheet No. 1 & 1a

Hyd. 4087 + 4087 =

This sheet shows the wire drag work executed by Wire drag party No. 2 in 1919, extending from Cape Neddick to the vicinity of Cape Porpoise. This work overlaps the work to the southward on sheet 3974 done by the party in 1919 and by party No. 1 in 1917.

Numerous changes in charted depths were discovered but none of the shoals found are dangerous to surface navigation. The local names of three of the shoals found; Pelloc Rock, Shoal Rock, and The Acre, are shown on the sheet.

The drag was tested during the course of the work at frequent intervals and the tests are entered according to time on the left hand page of the wire drag records. These tests are indicated either by the words "drag test" or by the letter U.T.

The standard color scheme was used for indicating drag depths as follows:

19 feet and under	Brown
20 to 29 feet	Yellow
30 to 39 feet	Blue
40 to 59 feet	Red
60 to 79 feet	Purple
80 feet and over	0range

Tides were observed on a staff at Cape Porpoise, Maine for the reduction of the work on this sheet. The effective depths shown on the sheet from A day to U day are greater than those actually obtained by from 0 to 1/2 foot (see note on page 3 of wire drag record Vol. 1).

Sheet la.

This sheet is a tracing of the projection of sheet No. 1 on which is plotted the supplemental soundings obtained during the course of the drag work.

These soundings were obtained by the tender which was equipped with a registering sheave and secured vertical casts at certain buoys while the drag was under way. These soundings are recorded on separate pages of the smooth sounding records in the following order: Number of buoy at which sounding was obtained - time - depth in fathoms.

On the opposite page the entries show the position of the drag at the time when each sounding was obtained. Thus on page 7 of sounding record Vol. 1 the first sounding was obtained at buoy F when this buoy had traversed 0.1 of the distance between positions 2 & 3; the second sounding at buoy No. 5 when the drag had traversed 0.75 of the distance between positions 2 & 3, etc.

H. Hawley,

Chief of Party.

Day	Dat 191		Vol.	Drag Length feet	Miles Statute	Positions	Snundings On shoals	Soundings Sup.
A	July	. 1	1	4000	4.0	24	1	0
В	11	3	ī	4000	3.75	17	2	0
Č	:1	7	ĩ	5000	8.5	37	2	0
Ď	18	8	ī	50 00	4.5	18	Ō	Ō
Ē	nt	9	ī	5000	4.5	23	3	Ö
F	1#	12	ī	5 000	5.5	30	0	0
G	17	14	î	5000	8.7	36	Ō	Ō
H	11	17	ī	5000	2.0	12	2	0
J	rŧ	24	2	5000	7. 6	42	2	45
K	11	25	2	5000	11.5	61	1	47
L	10	26	2	6000	7.3	32	0	41
M	**	28	2	5000	4.0	28	2	24
N	19	30	2	12000	6.4	29	0	42
0	r.	31	2	6000	8.2	36	0	42
P	Aug.	2	2	5 000	6.0	32	4	32
Q	11	6	3	5000	3.5	26	2	26
R	14	9	3	5000	8.0	31	0	46
S	11	11	3	5000	9.2	39	0	44
T	18	12	3	5000	6.5	38	2	47
U	7.0	13	3	5000	6.5	44	0	59
٧	4	16	3	4000	5.0	37	1	0
W	**	21	4	4000	8.4	47	2	0
X	11	2 3	4	5000	6.0	31	0	4 3
Y	11	25	4	5000	5.0	29	3	37
\boldsymbol{z}	11	26	4	50 00	7.0	3 8	1	46
A.	11	27	4	120 00	5.4	25	0	3 5
B*	**	28	4	6000	8.5	33	0	0
C.	11	29	4	4000	7.0	51	1	0
D'	Sept.	. 4	5	5000	7.0	34	0	39
E'	11	5	5	6000	8.0	40	2	37
R ⁱ ' G¹	19	6° 8	5 5	5000 50 0 0	4.5.7	2 <u>4</u> 3	30	421 421
Η,	11	15		5000	8.5	50	3	49
J'	**	16		5000	3.0	24	0	23
K,	11	17		5 000	6.0	50	0	30
L'	11	23	5 6	4000	5.5	46	1	15
M'		29		4000	3.5	3 8	2	18
· N'				4000	7.0	4 6	0	0
01		7		6000	7.7	37	0	41
P'		8		5 000	5.6	40	2	51
'و		11		4 000	7.0	58	1	0

Day	Da 19:		Vol.	Drag Length feet	Miles Statute	Positions	Soundings on Shoals	Soundings Sup.
R'	Oct.	13	7	4000	9.0	64	1	37
SI	4 1 °	17	7	5 000	7.7	39	2	47
T ·	70	18	7	6000	9.5	47	0	38
U *	17	21	7	3 600	2.7	18	1	0
γ.	19	23	7	6000	7.5	39	0	38
Μ.	11	24	7	4000	8.5	66	4	29
X,	r †	27	8	3200	5.0	26	0	0
Y'	r 🗗	29	8	6 000	10.0	38	0	50
z •	17	3 0	8	5000	6.5	27 + 2 + 7	0 52	4 3
					324.0	1810	53	1304

Signals Used On Hydrographic (wire drag) Sheet No. 1 (field number)

Hydrographic	Triangulation stations
11.9m0	
Bet	Cape Elizabeth East L.H. 1904
Age	Stage I. Monument, 1905
Wood	Wood I. L.H., 1850
Mon	Geo. Emmons Ho. W/ apex, 1868
Tag	Stage Island, 1850
Por	Cape Porpoise Meth Ch. sp., 1903
Coat	Goat I. L. H., 1903
Inn*	Stone Haven Inn flagstaff 1903
Bun	Kennebunkport Orthodox Ch. sp., 1851
Ken	" Baptist " " 1851
Wen	Wentworths cupola, 1868
Wel	Wells ch. sp., 1851
Fish	Fishing rook spindle, 1868
Con	South Cong. ch. sp., 1868
Cup	Cliff House cupola, 1903
Pas	Passaconaway Inn cupola, 1903
Ned	Cape Neddick L.H., 1903
Boon	Boon I. L.H., 1905

Located by sextant cuts

Gab	See	page	9 6	Angles	recor	d.					
Hoy	W	H	8	rt	44						
Dub	rŧ	19	14	n	17						
Wal	17	re	12	F T	17						
Port	**	17	7	tt	n						
Rit	17	12	4	**	57						
Tan	4	r#	3	17	**						
Red	19	19	2	17	17						
Cot	**	**	11	Ħ	7						
Bil	17	31	1	18	19	Whistle	and	gas	buoy	B	ΙL
Pipe	n	n	5	117	10				•		

^{*} Flagstaff which was near south gable of the inn has been removed. Gable of Inn used of angling.

PROGRESS CHART

SHOWING CONDITION OF RECORDS OF

	(1874年) 1984年 (N. 1874年) 1985年 (1985年)		30.0	'''
Hydrographic	Sheet No.	Field	No	
1 1) Grogiapine	Direct 1 40	I ICIU	1 10.	

·Sc	ire drag su ale rveyed by .		1 % 2	10,	000) (Jan S	rto		٠, ٠	2	Do	ate o	nou f Su Ha	rveu	/	919	ر مرم مرخر	J			to			ત્વ
Day	DATE	, \$ - 10 m	Signaled angles com-	Distances entered	Distances checked	Length of upright entered	Length of upright	Correction entered	Correction checked	Drag depth entered	Drag depth checked	Reducers entered	Reducers checked	Effective depth entered	Effective depth checked	Effective depth diagram entered	Effective depth diagram	Positions plotted	Pragged Strip traced		Tracing checked	Area subdivided	Subdivision chocked	Transferred and inked	Compared with chart
B'	August	28	~	. ~	V	~	~	V	1	/	/	~	1	L	~	/	/	~	1			J		U,	厂
\mathcal{C}'	11	29	/		_	-		/	/	-	~	~	1	-	-	-	/	-			-	V	Ť		
D'	Sept.	4	V.	V	/	/	V	~	/	~	/	V	V	~	V	<		V			-	V.	1	1	
E'	,,	5	レ	~	1	~	~	~	~	~	~	~	V	ν`	~	V	V	/				~		V	
F'	<i>''</i>	6	~	~	~	~	-	~	~	٧	~	~	~	1	~	1	/	/		-		V	To Section	V	
G',	. 11	8	~	/	V	_	/	~	/	/	r	~	1	~	/	~	1	~				V		1	
H		15	~	✓	. 🗸	_	~	~	/	1	/	~	~	~	~	1	/	~		-				1	
J'	"	16	~	1	/	~	V	~	1	~	~	\(\sigma^{\chi} \)	~	v	/	~	V	~				U		U	
K	" 11	17	/	~	ن	~	~	/	1	V	~	V	~	r	۲	1	V	V		-		1		1	
<u>Z'</u>	Jr.	23	~	V	'	/	<	~	/	~	/		/	/	/	'	/	~				1		/	
M'	. 1)	29	~	/	~	<u>/</u>	✓	~	~	/	1	V	/	/	1	/	V	~				1		V	
Ŋ'	Oct	2	V	· 🗸	. √	1	1	~	/	/	/	/	~	1		✓	✓	1				1		L	<u> </u>
0'	n	7	~	/	1	V	/	~	/	V	/	/	Z,	1	/	/	/	✓		-		7		<u></u>	
P'		8	~	/		/	√	· V.	V	~	/		1	1	~	1	/	~				V			
Q'		//	٧	<u>/</u>	/	/.	✓	~	/	/	1	/	/	1	✓	~			18						
R'	//	13	/	V	/	V	V	~	V	レ	/	1	/	~	1			~	Ī					/	
5'	:	17 .	1		v	~	√	/	/	/	/	/		1	V	1	~	~				V		1	
		18	/	~	V	/	~	/	/	1	/	V	/	V	/	✓	✓	-				V		V	
<u>υ'</u>		21.	-	1	~	V	~	/	/	/	~	/		V	~	/	/		I						
V'		23	~	✓	√	V	V	V	/	/	/	/	✓	V	/		✓	\checkmark	T				T	J	
\mathcal{W}'	y y	24	/	· 🗸	<i>'</i>	~	~	/	✓	~	✓.	1	\	V	/	~	✓	\checkmark	1			1		V	
<u> </u>	. //	27	~	<u> </u>	~	V	. 🗸	1	'	V	Y	V	'	~	٧	~	٧	V	T			1	T	V	,
Y'		29	/	/	V	~		V	٢	V	~	/	~	~	V	✓	1	1	T			· V	1	1	
Z'	, , , , , , , , , , , , , , , , , , ,	30	✓	✓	1	✓	V	✓	/	✓ .	~	✓	٧	Y	V	~	/ ·		T			1	1	V	· · ·
	·									ź				,					1				T		
							1		•										1				1		
·		77.	. D.	~ ~										forward					 -	-1					

PROGRESS CHART

SHOWING CONDITION OF RECORDS OF

Hydrographic Sheet No. Field No.

lacksquare	re drag survey o	f	_0a.	5 f	0£.	Mai	ne.		-	Po	rts	<u>mo</u>	uth	<u> </u>		Por								
Sco	de 1:40.	00	0							Date of Survey 1919 - Vuly to														
Sui	rveyed by	ie .	Dro	19	Pa.	<u> </u>		0,	2	<u>, l</u>	T,H	Ha	wle	Y., ((h	e f				•				-
Day	DATE	Signaled angles compared	Distances entered	Distances checked	Length of upright entered	Length of upright	Correction entered	Correction checked	Drag depth entered	Drag depth checked	Reducers entered	Reducers checked	Effective depth entered	Effective depth checked	Effective depth diagram entered	Effective depth diagram checked	Positions plotted	Deagged strip traced		Produg checked	Area subdivided	Cal that a second of	Transferred and inked	Compared with chart
	VU/Y /	V	<u></u>	V	V	V	V			7	\checkmark	√	J	ŀ	V	V	V				V		V	
5	" #3	V	✓	✓	✓	1		✓	~	V	1	V	✓	1	✓	\checkmark	V			-	V		V	L
<i>C</i>	" 7	V	レ	V	~		V	/	~		/	/	· Y	V	✓	\vee	V			1	٧-		V	
0	8	V	V	レ	V	~	V		V	1	~	ر	~	~	V	√	V			ottomas -	V		0	
E	" 9	V	~	レ	レ		<u></u>	' ر	<u> </u>	'س	-		س.	^ س	\vee	<i>J</i>	V			-			~	
ا سحر	" 12	<u> </u>	V	V	V		V	•	V	-	س	~	<u> </u>		<u> </u>	<i></i>	W				V		<u> </u>	
9	" 14	V	レ	/	1	<u>, , , , , , , , , , , , , , , , , , , </u>	レ		~	_,_			-		<u> </u>	<u> </u>	1				٧		\vee	
<i>H</i>	17	V	~	~	V		レ		/	~	~	' س	-		<u> </u>	V	V				~		V	
V	" 24	V	V	1	W	~	<u>''</u>	_	<u>١</u>	V	ب	س	س		<u> </u>	\ <u> </u>	V				V		V	
Κ	" 26	V		V	V	<u>/</u>	V		レ	/	<u> </u>			~		/	Y			<u> </u>	V		\ <u>\</u>	
4	" 26	V	~	V	V		V	V	<u></u>				اب 				1				b "		V	
M	" 28	V.	1	75	ļ		V		~				سو			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Y			ļ	V		V	
Δ	" 30	Copi	20 6	73	1		V		1					<u>-</u>	~		V			ļ	1			
0	' 31	\ <u>\</u>	V	1	Y	V	Y		V				س	-	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\ \	V				V		V	
2	August Z	V			V	V	V.	.V.	V	V		V	,		~	V	V	-			Y		V	ļ
0	, 6	V	V	V.	1	V		<u> </u>	1	<i>\</i>	<u> </u>		-	-	~	V	1				V	- -	V	ļ
R	···-9			V	\\ \\ \	V	V	V	1	-7	<u>~</u>	1				\ <u>\</u>	~				V		V	
<u> </u>	<u>'' 11</u>		ļ,	V	\ <u>\</u>	V	V		V	V	V	1		V	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	V /	V	- -						
	" 12	<u> </u>	\ <u></u>		V		V	V		V	V	V			V	V		-			<u> </u>			ļ
<i>V</i>	" 13	<u> </u>		\ <u>\</u>	V	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	<u></u>		V	-	V		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		· · · · · ·	<u> </u>	IV.			-]				
<u>/</u>	" 16	\ \ \ \ .	V	V			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		1	1	r	V		-	-	- NEW			\ <u>\</u>	
<u>W</u>		<u>~</u>		V		1	V	V	V	V	V	V			V	V								
<u> </u>	" 23	1		1	~	V	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	ļ	V			<u></u>		1	1	1	-	-		17		1.7	ļ
<u>.</u>	ll 25	1	<u> </u>		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	ļ		V		1	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	V	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	V			1	- -		Groetaen	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		7	
<u>Z</u>	1 26	\ <u>\</u>	V	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			V	V		r	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\ \ \ \	1		1	-		9	V . /		\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	
<u>A'</u>	" 27		V			-	V		"					ļ		ice with	r	-		1	Ι.ν.		11-6	<u> </u>

AND REFER TO NO. 41-EMK

DEPARTMENT OF COMMERCE

FIELD RECORDS (C)

U. S. COAST AND GEODETIC SURVEY

WASHINGTON

January 7, 1920.

JAN JAN 1920 1920

Division of Hydrography and Topography:

Division of Charts:

Tidal reductions have been approved in 10 volumes of Wire Drag and Sounding records for

HYDROGRAPHIC SHEET 4087

Coast of Maine, Portsmouth to Portland J. H. Hawley in 1919

Plane of reference is Mean low water, reading

2.7 ft. on tide staff at Cape Porpoise, Me.

Records as received from field were in good condition. Some of the reductions had apparently not been checked but otherwise the records were very satisfactory.

Grande

Chief, Section Tides and Currents.

Recommend approval:

Chief, Div. of Hyd'y & Top's

Verification Gegent of Hydrographic Shut 4087 4 4087 & All of the area is apparently will rovered with the exception of the splits as designated on leaving No.1. The isisting charts covering this area show no indications of danger near any of these opplits so they need not be con-Due & a conceller of the lide staff as noted by laph. Hawley, a revision of the lide where was necessary affecting The work as plotted from a & U days wil. all of the would or wrested systhe were their corrected on the smooth sheet There were 189 of their changes affecting the length and clipto of strip the polling besides their was of a poor nature. Due to the deaptowar's lack of knowledge of the work or den to conclusioners The effective depth diagrams in a large presenting of the cases were probled enonemials. In two or those cases also wrong colors as designating effective. Sights were used In sheet a " of this work are shown the supplemental sone. derigs. There is a remarkable agreement among the overlapping sometings taken on different days. The whole area is closely sounded. On ne the other sheet he soundings from 4 24 Jay were corrected due & the revision of the titl releven of the 529 soundings covered by These days 229 were corrected

anothing to the revised work The plotling of this better theran the other However a common mustake which Juguerth, ourness was the plattery of a sounding which sho fulls along the line of the N fuoy which should be plotted along the ferring the F pery or vice versa. a few other corrections were roade. all of the records were very well dept. Kespertfell Dubmitted. Olori Bau. Druftsmen

TIDAL DATA

Wire Drag Hydrogaphic Sheet No. 1 (field number)

Tide gauge at Cape Porpoise, Maine.

Plane of reference - mean low water.

Soundings in feet at mean low water.

Gauge reading

Highest tide observed	10.9 feet
Lowest tide observed	-1.5 feet
Mean low water	2.7 feet

AND REFER TO NO. 4-DRM

DEPARTMENT OF COMMERCE U.S. COAST AND GEODETIC SURVEY WASHINGTON

June 11, 1923.

SECTION OF FIELD RECORDS

Report on Wire Drag Sheet No. 4087

Surveyed in 1919.

Chief of Party, J. H. Hawley.

Surveyed by J. H. Hawley. Instructions dated June 17, 1919.

Protracted by R. L. Horne, N. November, C. J. Itter, A. M. Weber.

Inked by R. L. Horne, A. M. Weber.

Verified and Area and Depth Sheet by A. Baer.

- 1. The records for this sheet were very well kept and conform to the requirements of the General Instructions.
- 2. The methods and character of operations fulfill the requirements of the General Instructions.
- The depth and extent of dragging satisfy the specific instructions except that the drag should have been carried to the three fathom curve where possible. Also the outer limit of the drag failed to include the 40-fathom curve in the area due east and south of east of Cape Porpoise. Care should have been taken to include this area as the chart shows two soundings of 23 and 25 fathoms about 1 mile outside the limits of the drag. The original hydrographic sheet shows additional shoal soundings in this vicinity proving the existence of a shoal in this locality. The 23-fathom spot mentioned above lies 6 1/2 miles 111° (true) from Cape Porpoise. The 25-fathom spot lies 1 mile south of the 23-fathom sounding.

4. A clearance depth was obtained over all shoals discovered sufficient to insure safety to surface navigation in this particular locality with the following exceptions:

Locality	Smooth sheet position	Depth of Sodrag at obgrounding	unding tained	Remarks.
2 1/2 mi. 96° (true) of Curti	16Q s	81	78	
2 1/2 mi. 106° (true) of Curti	11Q s	84	73	
l mi. S.E. of Curtis Cove	42W ¹	48	26	
1 1/4 mi. N. of Bibb Rock	29M ¹	34	30	
1/2 mi. S. of Bibb Rock	43W	35	29	Chart shows 9 fathoms between this spot and Bibb Rock.
900 m. S.E. of Cape Neddick.	160 ¹	51 or 58	59	Insufficient overlap at this point with adjoining sheet.
6 1/4 mi. 95° (true) of Bibb Rock	30 L	102	95	Probably cleared by a 67-foot drag.

The 62, 63, and 44-foot soundings at the southern limits of this sheet shown as not dragged over were covered in the work of 3974.

- 5. The supplemental hydrography is suitable for correcting the charts only in places where there are extended blank areas. Otherwise, by order of the Chief, Division of Charts, the supplemental hydrography shall be disregarded.
- 6. The overlaps within the sheet are sufficient but where this sheet joins W. D. 3974 just southeast of Cape Neddick and where 59 feet was found (as mentioned in paragraph 4) there should be a greater overlap.
- 7. There are several splits on this sheet, all shown on the Area and Depth Sheet. With the exception of a split near the southern limit of the work, all the splits are a result of the drag grounding and failure to obtain a clearance depth. Additional work will therefore be required to cover the places mentioned in paragraph 4.
- 8. The field plotting was completed to the extent prescribed in the General Instructions with the exception that the depth curves were carelessly plotted and that wrong colors were used to designate effective depths. These had to be corrected by the office draftsman. The plotting of the supplemental hydrography was in some cases also carelessly done has the plotting of a sounding, which should fall along the line of the N buoy, along the line of the F buoy and vice versa.
- (a. Character and scope of drag operations 9. Rating of the work i fair.
 (b. Field drafting fair.
- 10. Attention is called to the fact that some of the shoal soundings discovered by the drag were not shown on the latest edition of Chart 1205.
- 11. Reviewed by A. L. Shalowitz, June, 1923.

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

HYDROGRAPHIC TITLE SHEET Wire Drag

The finished Hydrographic Sheet is to be accompanied by the following title sheet; filled in as completely as possible, when the sheet is forwarded to the Office.

U. S. Coast and Geodetic Survey.

Register No. 4087, 200.1

State	
General locality.	
Locality	to River to Cape Neddick.
Chief of party	J.H. Hawley
Surveyed by	Wire Drag Party No. 2
Date of survey	July to October, 1919
Scale	1/40,000
Soundings in	Feet
Plane of reference	Mean Low Water
	H.,N.N., I.,A.M.W.Soundings in pencil by .J.H.H.
Inked by R.L.H.	A.M.W. Verified by
Records accompanyin	ng sheet (check those forwarded):
Des. report,	ide books, Marigrams, Boat sheets,
2 Sounding books 1 Angle book	,
Data from other sou	rces affecting sheet

Remarks:

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

HYDROGRAPHIC TITLE SHEET

The finished Hydrographic Sheet is to be accompanied by the following title sheet, filled in as completely as possible, when the sheet is forwarded to the Office.

U. S. Coast and Geodetic Survey.
Register No. 40 87
State Maine
General locality .Coast of Maine Saco River to Cape Neddick.
Locality
Chief of party
Surveyed by
Date of survey July to October, 1919
Scale
Soundings in
Plane of reference
Protracted by Soundings in pencil by R.L.H., W.P.D.
Inked by R.L.H., W.P.D. Verified by
Records accompanying sheet (check those forwarded):
Des. report, Tide books, Marigrams, Boat sheets,
Sounding books, Wire-drag books, Photographs.
Data from other sources affecting sheet
Remarks:
Tracing of sheet No showing supplemental sounding obtained while dragging.